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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/492,437	01/27/2000	Hatim Yousef Amro	AT9-99-483	9872
39698	7590	10/05/2004	EXAMINER	
DUKE W. YEE YEE & ASSOCIATES, P.C. P.O. BOX 802333 DALLAS, TX 75380			NGUYEN, PHUOC H	
			ART UNIT	PAPER NUMBER
			2143	

DATE MAILED: 10/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/492,437

Applicant(s)

AMRO ET AL.

Examiner

Phuoc H. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 1-29 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The specification fails to clearly address the hub is not connected to any external network as cited in the claim language.

Response to Amendment

3. The amendments filed on July 16, 2004 are objected to under 35 U.S.C. 132 because it introduces new matter into the disclosure. 35 U.S.C. 132 states that no amendment shall introduce new matter into the disclosure of the invention. The added material which is not supported by the original disclosure is as follows:

In every independent claims, the applicant amended as dated above "the hub is not connected to any external network" (e.g. claim 1 line 3) wherein these limitations introduce new matter into the disclosure.

Applicant is required to cancel the new matter in the reply to this Office Action.

Response to Arguments

This office action is in response to the amendment filed on July 16, 2004.

Previous office action contained claims 1-29. Applicant amended claims 1,11,15, and 19.

Amendment filed on July 16, 2004 have been entered and made of record. Therefore, pending claims 1-29 are presented for further consideration and examination.

Applicants' arguments with respect to currently amended claims 1-29 have been considered but are moot in view of the ground(s) rejection.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1,5-7,9-12,15,16,19, and 20 are rejected under 35 U.S.C. 102(e) as being anticipated by Budin et al. (Hereafter, Budin) U.S. Patent 5,276,703.

6. Referring to claims 1,11,15, and 19, Budin reference discloses a hub (12 of fig. 1); and a plurality of computing devices (14a-g of fig. 1) in physical proximity with the hub (fig. 1); wherein each of the plurality of computing devices communicates with the hub via only a wireless connection (eg. Devices 14a-g is communicated with the wireless hub via wireless only (col. 6, lines 46-58); the hub receives and retransmits requested

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documents (eg. information) between selected computing devices of the plurality of computing devices (Abstract; Figure 1; and col. 5, lines 59 through col. 6, lines 2); each of the plurality of computing devices translates each requested document into a system independent language (eg. converts information from the format being utilized over wireless) prior to transmitting the requested document to the hub, and each of the plurality of computing devices translates each received document from the hub (col. 6, lines 66 through col. 7, 1st paragraph).

7. Referring to claims 5-7, and 10, Budin further discloses at least one of the plurality of computing devices is a personal digital assistant, laptop computer, computing devices is portable (eg. computer related devices), and transmissions between each of the plurality of computing devices and the hub are radio frequency transmissions (eg. transmitting from subscriber unit (14a-g) to hub unit (12); Figure 1; and col. 6, lines 47-58).

8. Referring to claims 9,12,16, and 20, Budin further discloses transmissions between each of the plurality of computing devices and the hub are infrared transmissions (Fig. 1; ex. Subscriber units connect to the wireless); the strength of the wireless communication signal is such that only devices in close proximity (eg. the distance between hub unit and the subscriber unit is radial distance, r .) with each other may receive the signal, thus ensuring that only authorized recipients receive information conveyed via the wireless communication signal (col. 7, 2nd paragraph).

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9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 2,3,13,14,17,18,21, and 22 rejected under 35 U.S.C. 103(a) as being unpatentable over Budin in view of Meltzer et al. U.S. Patent 6,226,675.

11. Referring to claims 2,3,13,14,17,18,21, and 22, Budin's reference disclose the hub receives and retransmits requested documents between selected computing devices; however, Budin fail to disclose the document is translated into the independent languages before transmitted to the hub, and the independent languages is Java and XML.

Meltzer reference discloses the system independent language is a Java based language, and an extensible markup language (fig. 4, 12; col. 3, lines 46-57; col. 5, lines 8-19; col. 23, lines 38-60; and col. 25, lines 66 through col. 26, lines 9).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Meltzer's teaching into Budin's method to translates each requested document into a system independent language before sending and receiving from the hub; because by translating the document to the independent language, it will be allowed companies exchange information and services using self-defining, machine-readable documents, such as XML based documents, that can be easily understood amongst the partners.

12. Claim 4 rejected under 35 U.S.C. 103(a) as being unpatentable over Budin and Meltzer in view of Sopko U.S. Patent 6,003,068.

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Budin reference discloses a wireless hub, and Meltzer reference disclose each of the plurality of computing devices translates each requested document into a system independent language prior to transmitting the requested document to the hub; however, Budin and Meltzer fail to disclose the hub is portable.

Sopko reference discloses the hub is portable (col. 2, lines 12-18).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Sopko's teaching into Budin and Meltzer 's method to use the portable hub, because it is not only small and lightweight it is also make it easier to carry from places to places.

13. Claim 8 rejected under 35 U.S.C. 103(a) as being unpatentable over Budin and Meltzer in view of Koperda U.S. Patent 5,790,806.

Referring to claim 8, Budin and Meltzer reference disclose the hub receives and retransmits requested documents between selected computing devices; however, Budin and Meltzer reference fails to teach us that the transmissions between each of the plurality of computing devices and the hub are encrypted.

Koperda reference discloses transmissions between each of the plurality of computing devices and the hub are encrypted (col. 4, lines 37-39).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Koperda's teaching into Lou's method to add the encryption and decryption to the data, because we want to make the data more secure during the transmission.

14. Claims 23-29 rejected under 35 U.S.C. 103(a) as being unpatentable over Beswick et al. U.S. Patent 6,480,580 in view of Meltzer.

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15. Referring to claims 23,25,27, and 29, Beswick reference disclose a wireless hub (eg. wireless hub 102 of Figure 1) which is receiving and broadcasting the request and response between from the plurality of computing devices (eg. devices 104a-n) via only a wireless communication link; however, Beswick fail to disclose the request and the response between the devices are in the form of a system independent language.

Meltzer reference disclose each of the plurality of computing devices translates each requested document into a system independent language (ex: xml to java) prior to transmitting the requested document to the hub (ex: Router) (fig. 12; and col. 78, lines 44-60); and each of the plurality of computing devices translates (ex: java to xml) each received document from the hub (router).

It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to incorporate Meltzer's teaching into Beswick's method to translates each requested document into a system independent language before sending and receiving from the hub; because by translating the document to the independent language, it will be allowed companies exchange information and services using self-defining, machine-readable documents, such as XML based documents, that can be easily understood amongst the partners.

16. Referring to claims 24,26,and 28, Beswick reference disclose the wireless communication link utilizes infrared frequencies (Fig. 1; ex. PDA connect to the wireless).

Conclusion

17. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

18. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Jones et al. U.S. Pat. No. 6,108,314 disclose method, subscriber device, wireless router, and communication system efficiently utilizing the receive/transmit switching time.

Delamater U.S. Pat. No. 5,903,548 discloses portable electronic communications device having switchable LAN/WAN wireless communications features.

Tell U.S. Pat. No. 6,069,571 discloses apparatus and method for collecting meter data.

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Gibbs et al. U.S. Pat. No. 6,278,706 disclose wireless packet data communication apparatus and method.

Nevo et. al. U.S. Pat. No. 6,600,726 disclose multiple wireless communication protocol methods and apparatuses.

LaRowe, Jr. et al. U.S. Pat. No. 6,314,091 disclose wireless personal area network with automatic detachment.

Fitzgerald U.S. Pat. No. 6,564,056 discloses intelligent device controller.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc H. Nguyen whose telephone number is 703-305-5315. The examiner can normally be reached on Mon -Thu (7AM-4: 30PM) and off every other Friday.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A Wiley can be reached on 703-308-5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Phuoc H. Nguyen
Examiner
Art Unit 2143

September 17, 2004



DAVID WILEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100